

2Q00 SIP Milestone Statusing Narrative Summary

<u>Excel Worksheet Tab</u>	<u>Description</u>
Exec Overview	Milestone Completion Summary, and Assessment and Observations
Exception Summary	1-page summary of the Milestones which have exceptions or proposed changes
Actions Required	Milestones which need a "Change Form" or a Problem Resolution Form" to be submitted
Center SIP Metric	Center SIP Metric on Major Milestone Performance (shows projection for end of the year)
2Q00 Perf Charts	Charts which display aspects of the SIP milestone performance for FY00
2Q00 Exception Report	Milestones which reported exceptions in the 2Q00 statusing
FY00 Exception Tracking	Tracking of Milestones reporting exceptions during any FY00 Quarterly statusing
FY00 2Q SIP Full Status	2Q00 statusing for all milestones
Organizational Statuses	Worksheets subdividing the full status into 7 organizational/program based ones
Instructions & Criteria	Instructions & Criteria for the SIP Milestone statusing

Milestone Statusing this reporting period:

130 Milestones were statused (81 FY00, 44 On-going, 4 N/A)

Milestone Completion to date:

Completed before 1Q FY00: A4.1, H3.2, M1.4, M3.1
 Completed 1Q FY00: A1.2, A9.2, H1.6, H4.1, S1.1, M3.3, M3.5, P1.2, M3.7, M3.8, M3.10
 Completed 2Q FY00: A8.3, M3.2 (2Q on-time)
 3Q FY00 Completed early A1.3, E1.1, H1.2

81 FY00 Milestones Due for the year
 20 FY00 Milestones Completed (~25% FY00 Milestones Completed)
 0 FY00 "On-going" Milestones completed Yearly status
 0 FY01 Milestones completed early

2nd Quarter FY00 GRC SIP Milestone Status

Overdue Milestones as of this reporting period:

Currently Overdue:

ID No.	Due	Projected Complete	Comments
A7.2	2Q00	3Q00	On schedule with technical work proceeding well
A9.1	2Q00	3Q00	
H1.1	2Q00	4Q00	JSC's overall schedule has been slipped for other reasons
H2.1	2Q00	4Q00	STS-107 Launch Delayed, new CM-2 delivery date is 8/00.
H2.2	2Q00	1Q01	ERE will meet its milestone. SAL will be delayed
S1.2	2Q00	1Q01	Contractor's performance shortfall
M1.5	2Q00	4Q00	Objective as stated will not be complete for years.

Projected to be late:

ID No.	Due	Projected Complete	Comments
A2.3	3Q00	TBD	Program Replanning, MS to be split into a FY00 MS & a FY01 MS
H1.3	3Q00	4Q00-->2Q01	Contractor technical issues, not on Critical path.
A1.1	4Q00	2Q01*	40% funding cut, project elements delayed.
A7.1	4Q00	TBD	Administrator waived Turbine Demo
A7.3	4Q00	TBD	Administrator waived Turbine Demo
A8.1	4Q00	1Q01*	Design difficulties, duplicates A9.6 & should be eliminated
A9.6	4Q00	1Q01	Design difficulties.
A10.2	4Q00	xxx	Delay will cause missed Launch Opportunity
H3.3	4Q00	3Q01*	Manifest Correction: PCS is on mission 6A, not UF-1
H3.5	4Q00	4Q01*	JSC Program Office Schedule Change

Milestones proposed for Deletion* from FY00 GRC SIP:

H3.1	Activity not yet started, should not have been included in FY00 SIP
C1.4	Cancelled Lack of Funding
S1.4	Completed in FY99, should not be in FY00 SIP

Systemic/Center-wide Problems/Issues/Observations Identified:

New

- A) 5 Milestones with a "Red" status, with 9 milestones projected to slip into FY01 if problems not corrected.
- B) Seven 2nd Quarter milestones are overdue

General

- A) Many Milestones planned for 4Q00 (44 of 81) and many "Ongoing" milestones (44) planned for FY00.
 - Concern that so many milestones are due at the end of the year.
 - Need to monitor milestone status to avoid last minute surprises impacting overall Center performance.
- B) Some milestone completion dates are still being poorly identified
 - Could be symptomatic of poor planning, incorrect due date from the beginning, poor attention to detail, or gaming
- C) Several milestones experiencing deliverables problems which are outside of GRC's control
 - SIP wording not reflecting lessons learned from statusing FY99 SIP Milestones
 - Some milestones which depend on something else happening (i.e. tied to a specific launch date which gets slipped, or tied to a specific piece of hardware being delivered first) before GRC does its portion, have led to false indicators of poor performance
 - Milestone wording and Due Dates need to be tied to GRC's period of performance
 - Estimated Due Dates should be "linked" to the event they are dependant upon (i.e. 4Q99* *NOTE: Due 6 months prior to 2Q00 Shuttle Launch STS#??)

2nd Quarter FY00 GRC SIP Milestone Status